

Y-12'S MASSIVE 7500-TON press has been successfully used to salvage material from obsolete and reject weapons parts. When not scheduled for regular production operations, the press is used to destroy the shape of unusable parts and to reduce them to a size which permits remelting and reprocessing. Crushing by the press eliminates many of the sawing and oxyacetylene torch-cutting steps previously required. N. E. Hoffman is shown at the press console.

Alloy Plant Wins Handicapped Honor

Union Carbide Corporation's Metals Division plant at Alloy, West Virginia, has been honored for its record in the employment of the handicapped. One award was the National American Legion Employer Citation in recognition of the plant's outstanding record in the employment of handicapped veterans. A second award, made concurrently with the first, was from President Johnson's Committee on Employment of the Handicapped — conferred in appreciation for an exceptional contribution in furthering employment of the handicapped. At the time of the citations the Alloy plant employed 484 handicapped veterans and 121 handicapped non-veterans among the 1,818 males at the plant.

IEEE Meeting Is Tomorrow In Oak Ridge

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers meets tomorrow, Thursday, January 14, at 7:30 p.m. in the Green Room of the Ridge Recreation Hall. Speaker is R. G. Haley, Southern Bell Telephone and Telegraph Company.

All IEEE members and interested guests are invited to the meeting. Refreshments will be served following the technical session.



Katy Kutkost
SEZ:

OPEN THE DOOR, RICHARD! . . . and if you don't close it the yearly utility bill will go up \$200 for each door — plus thousands extra if a refrigeration compressor or steam boiler has to be added.

This is an answer to a query from W. R. Hensley, Product Engineering, who, on passing an open overhead loading dock door, wondered, "How much does it cost to heat and/or air-condition the world?"

Zucker Will Lead Physics Division Seminar

This week's Physics Division seminar will be led by Alex Zucker. His subject is "The Scattering of 40 MeV Polarized Protons."

The seminar is set for Friday, 3:15 p.m., January 15, in the East Auditorium of Oak Ridge National Laboratory's 4500 building.

G. G. Kelley Leads Thermonuclear Seminar

The Thermonuclear Division announces this week's seminar as "Ion Beam Production and Acceleration." It will be conducted by G. G. Kelley.

The seminar is set for Thursday, January 14, at 9 a.m. in the TD Conference Room, Building 9201-2.

AEC Foresees 1965 Cut-Backs At 1,000

Y-12 Plant Affected By Curtailments

Employment in Y-12 will be reduced by approximately 200 during January and February, according to an announcement last week from the Atomic Energy Commission. The reduction comes as a result of revised production schedules, according to the AEC.

Based on projections of current information, it is anticipated that an additional 800 employees will be affected by the reduced program requirements during the remaining part of 1965. The employment reduction will involve both hourly and salaried personnel.

Y-12 has a variety of engineering, development and production programs, and the majority of employees affected by the cut-back will be in the production programs and associated support activities, according to the announcement.

Only In Y-12

The current reduction does not affect Oak Ridge Gaseous Diffusion Plant or the Oak Ridge National Laboratory.

Currently there are approximately 5,100 employees in Y-12 and the entire Oak Ridge complex employs about 15,100.

Notice of the projected reductions is being made so that personnel expected to be affected can have as much time as possible to seek other employment. The advance notice will also permit city, school and other organizations to have projections available for planning future programs.

The local Commission office, Union Carbide, and the Department of Labor, will make every effort to find employment for the affected people.

Employment Facilities

Meanwhile, Union Carbide officials announced their organized efforts in the interest of employee placement, vigorously pursued as a function of Y-12's Personnel Department. This special office, headed by W. S. Porter, will aid employees in seeking other employment. Contacts have been made with other AEC installations, government agencies and contractors and industrial concerns, as well as other units of Union Carbide, relative to employment opportunities.

Interviews, resumes, applications and other details of job placement will be handled by this special office.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
40 Days Or
1,149,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury

Through January 10

Phone 7755

For Daily Report
On Accident-Free Hours

Special Efforts Will Assist Employees Receiving Lay-Offs

Personnel Gears To Help In Locating Job Opportunities Wherever They Exist

"Y-12's management deeply regrets the announced cut-backs by the Atomic Energy Commission," Plant Superintendent Roger F. Hibbs stated last week. "Particularly regretful is the hardship placed on employees scheduled for reductions in force."

However, we have implemented a program to aid employees in job placement. Our Personnel Department is geared to offer assistance wherever needed in supplying job opportunities here and elsewhere for classifications affected by the cut-backs. Already more than a hundred letters have gone to other companies giving the number of classifications available. We hope to have favorable responses to many of these inquiries."

Recognizing the serious adjustment brought about a reduction in force, Hibbs reiterated the broad program of benefit plans which will give assistance to affected employees.

Termination Allowances

A substantial layoff allowance and payment in lieu of 1965 vacations, the amounts of which are based on company service, plus accumulated savings plan participation including company contributions, provide continued support of their families while they are locating new employment.

Many of the affected employees have built up returnable investments or vested interests in the company retirement plan. In addition, employees who qualify by age and length of service maintain a vested interest in the pension plan, which they will retain

as a guarantee of pension income in their later years.

It was pointed out, also, that any employee who is in a job classification in which there is an announced layoff may volunteer to replace an employee scheduled for layoff and receive all of the above benefits.

Placement Efforts

Carbide's placement efforts will continue, as in the past, to seek openings, arrange interviews and help prepare personal and work history resumes wherever needed or advisable. Our facilities are conveniently available for other employers to conduct interviews or to arrange visitation interviews.

This service will continue after an employee has terminated. That is, if he has not been placed prior to his leaving, the same service will be available to him until suitable employment has been found, provided he keeps the company informed of his availability. Also, all employees' files remain on record for possible rehire if opportunities occur. The local labor agreement provides for maintaining employees on a classification recall list for a period of 36 months.

Y-12's Unique Abilities

The capabilities of Y-12 are being called to the attention of all government agencies. Efforts will be continued to acquire the type of work for which this facility is uniquely qualified. This includes work from other AEC installations, as a part of the widely diversified programs now in operation.

Continued on Page 4

U. S. Steel's Melnick To Address Local American Society For Metals Next Meeting

The Oak Ridge Chapter of the American Society for Metals will meet next Wednesday, January 20, at the Oak Ridge Country Club. The sea food or chicken dinner will begin at 6:45 p.m. (with the social hour beginning 30 minutes earlier.)

Featured speaker at the ASM meeting will be Dr. L. M. Melnick, section supervisor of Analytical Chemistry at U. S. Steel's Applied Research Laboratory. He is a graduate of the University of Pittsburgh, receiving a PhD degree in chemistry in 1954.

Dr. Melnick has been active in technical societies having served as the chairman of the analytical group of the Pittsburgh Section of the American Chemical Society, chairman of the 1960 Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, and presently as a divisional chairman in ASTM Committee E-3. In addition, he is a member of the Society for Applied Spectroscopy, Sigma Xi, and the New York Academy of Sciences. He has authored and coauthored over a dozen papers in the field of analytical chemistry.



L. M. Melnick

As an added attraction, a representative from the Hoover Ball and Bearing Company, Erwin, will present a talk concerning the activities and products of his company.

The technical session is set to begin at 8 p.m.

Reservations may be made through Joseph W. Tackett, plant extension 3-6571.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



JAMES A. YOUNG Editor



OFFICE
Post Office Box Y
Oak Ridge, Tenn. 37831
Bldg. 9704-2 Room 137
Telephone 3-7100



Miss Lynn Ann Palmer

PALMER—NUTT

Mr. and Mrs. Ed E. Palmer announce the engagement of their daughter Miss Lynn Ann Palmer to Mr. John T. Nutt Jr.

Miss Palmer, whose father is in Y-12's Tool Engineering, is a graduate of Powell High School, and is currently attending the University of Tennessee College of Business. She was a majorette during her last two years at Powell, is a member of the Starlet Club, and was elected Sweetheart of the Knoxville Interscholastic Club.

The groom-to-be is the son of Mr. and Mrs. John T. Nutt, Memphis. He attended Harding College, Searcy, Arkansas, and graduated from the University of Tennessee's School of Pharmacy, Memphis, where he was a member of Lambda Sigma and Phi Delta Chi fraternities. He is employed at Cumberland Drug Company, Knoxville.

The parents of the bride-to-be live at 4005 Crestfield Road, Knoxville.

A summer wedding is planned.

Particular Hazards Are On White House Grounds

Two men were working on the White House lawn recently. Each had a small barrel on rollers and each had a pointed stick picking up bits of paper. As one spied a piece and was about to stab it, a sudden gust of wind came up and blew it into a White House open window.

Frantically, the man rushed inside the building. He returned shortly with the comment, "I was too late. He had already signed it."



One of the major English poets said, "If Winter comes . . . can Spring be far behind?" With the balmy January days of the past two weeks (watch it snow tomorrow) we pause to wonder what the poet might have said of it this year.

Post-holiday activities are few and 'fur between' this week. There was a mite of news left over from last week . . . so let's get started, first in

Behind every successful man is always a surprised mother-in-law.

The last word in cowards is the school teacher who quit to become a wild animal trainer.

DEVELOPMENT

Metallurgical Development welcomed in **Victor Defender** officially on January 1 . . . just in time for Vic to celebrate 21 years of company service. Congratulations, Vic!

That's it for now.

MAINTENANCE

Bud Fischer just stayed at home to relax during the holiday week.



Patricia Louise Newberry

Patricia Louise Newberry is waving a big hello to everyone. She is the daughter of Mr. and Mrs. W. H. Newberry, and the sixth grandchild of **J. F. Johnson Jr.**, Electrical. She arrived December 3, at Ft. Sanders Hospital, Knoxville.

The **J. S. Elders**, (he's in Area Five Maintenance), celebrated a special New Year's Eve this past year. It was their Silver Wedding Anniversary . . . and the old almanac tells us that's 25 years of wedded bliss. Congratulations.

Maintenance Administrative Services presented a raft of holiday vacationers including **Nelson Tibbatts** at home with his son Tom and family, visiting from Pensacola, Florida . . . **Joe Pesterfield** took off a few days to go to Milwaukee, to visit with his wife's parents.

Dave Sampson also spent the holidays visiting his wife's family.

ASME Holds Dinner Meeting Next Week

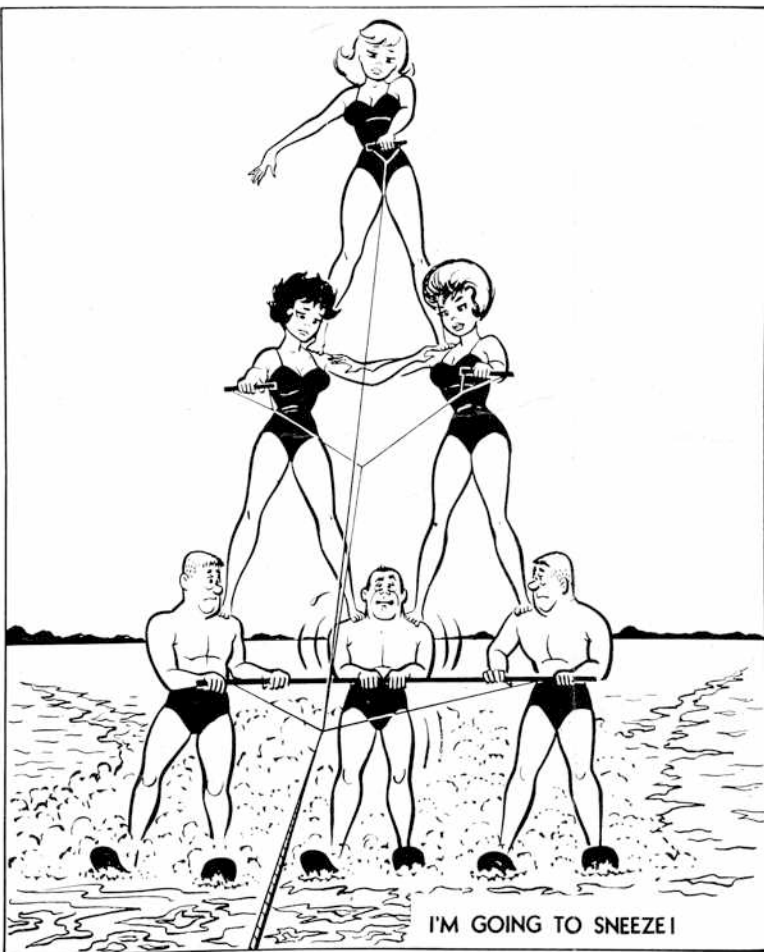
The American Society of Mechanical Engineers (Oak Ridge Subsection) will meet next Thursday, January 21, in a dinner meeting at the Holiday Inn, Oak Ridge. The social hour is set for 6:15 p.m., dinner at 7 p.m. and the program at 8.

The Speaker will be **Gerald Forrest**, Aeroquip Corporation/Marman Division, Los Angeles, Nuclear Products Manager. Active in the nuclear industry since 1948 he has specialized in the area of fluid and gas transfer as well as the area of remote-handling design. He was educated at the University of Paris and in Edinburgh, Scotland. He is a member of the American Nuclear Society and the American Institute of Aeronautics and Astronautics.

Dinner reservations may be made through **Don Gray**, extension 3-7653; or **Frank Neill**, extension 3-7533.

PILE OF PITCHBLende

Pierre and Marie Curie managed to separate only one gram of radium from eight tons of pitchblende.



Internal Revenue Service Lists A Few 'Do's And Don'ts' For Preparing Returns

From the Internal Revenue Department comes some helpful hints in preparing income tax returns.

DO use the preaddressed form mailed to you. **Do** write your social security number in the space provided on the return. This will be necessary even though your social security number is pre-printed under your name. If there has been a change in your name or address, strike out the incorrect name or address and write immediately thereunder the correct name or address. Likewise, if the social security number is in error, strike through the incorrect number and write thereunder your correct one.

Do file one return reporting your income from all sources. **Don't** make the mistake of the taxpayer who received multiple W-2's for the year and filed a separate return for each W-2.

Do check the proper blocks on Form 1040 to show what type of return you are filing, such as a single, separate, joint, etc.

Don't forget to check your number of exemptions and furnish names of dependents, where required.

Do allow plenty of time for getting any professional assistance. **Don't** try to file a return while you are double-parked.

Do remember that you need a copy B of Form W-2 for each place where you were employed. **Don't** let your W-2 get obscured by food stains, torn apart by the dog, or eaten by the baby.

Do review your return, including arithmetic, even if someone else prepares it. **Don't** forget that you are fully responsible for the contents of your return, regardless of who prepares it.

Don't forget to sign the return. If return is a joint one, signatures

of both husband and wife are required.

Do make your checks payable only to **Internal Revenue Service** and be sure to sign check.

Do identify checks and money orders with name, address, social security number, type of tax, and period for which it is being paid.

Do keep a copy of your return and records of all items in the return.

Don't send in your records. Send only the original return with Form W-2 attached.

Don't forget that the return must be filed on or before April 15th.

Do remember that a deduction is a claim and that the burden of proving any claim is on the person making such a claim. **Don't** forget that your return is subject to adjustment for at least three years after it is filed, six years if 25 per cent or more of your income is omitted, and with no limit in case of fraud or failure to file a return.

Do use official supporting schedules furnished by Internal Revenue Service. If official schedules are not sufficient for your needs, a substitute may be used, but you must follow the format of the official schedule. If substitutes are used, attach to the official schedules and enter totals on the official schedules.

Approximately five to 10 per cent of income tax returns filed in past years have required special processing at 'perfection desks' in IRS offices. Unfortunately, a heavy workload on 'imperfects' will delay processing of all returns. Here are the most common errors that delay processing:

- Illegible name and address.
 - Failure to sign.
 - Taxpayers filing joint returns indicate that they are also filing separately.
 - Total number of exemptions claimed does not agree with exemption information.
 - Taxpayer claims a sick pay exclusion, but does not include Form 2440 to show computation.
 - Taxpayers with income from rent, pensions, trusts, and similar sources have not included a Schedule B, form 1040.
 - Taxpayers with income from a business or profession have not included schedule C, form 1040.
 - Totals for W-2's are shown, but taxpayer has not attached forms W-2.
 - Tax computation is incomplete.
 - Taxpayer reports social security benefits as income. (Social security payments are exempt.)
- (Editor's Note: Due to many requests from employees a sales tax guide showing permissible figures for the Tennessee Sales Tax will be run in next week's Bulletin.)

Health Physics Society Holds Annual Meeting

The East Tennessee Chapter of the Health Physics Society will meet Saturday, January 16, at the Oak Ridge Holiday Inn. This is the annual dinner-dance meeting when new officers will be installed.

John W. Landry, Chemical Technology Division, ORNL, will speak on "Project Plowshare," or the development of nuclear explosives for industrial uses, such as earth-moving, canal building, excavation, etc.

Tickets for the meeting, which is set to begin at 6:30 p.m. Saturday, are available from **R. J. Cloutier**, Oak Ridge.



Congratulations to more Y-12-ers who crowd into the early part of the year to celebrate anniversaries with Union Carbide Corporation.

20 YEARS

Anna M. Bishop, Production Analysis, January 13.

Albert D. Cotton, Area Five Maintenance, January 13.

Roy G. Henley, Janitors Department, January 13.

John T. Byrum, Guard Department, January 14.

Paul E. Whillock, Uranium Chemistry, January 15.

Bernard B. Foster, Buildings, Grounds and Maintenance Shops, January 16.

Kermit L. Duncan, Salvage, January 18.

15 YEARS

Roy Roberts, Radiation Safety, January 16.

Albert T. Van Dyke, Beta Two Forming, January 16.

10 YEARS

William A. Sharp, Dimensional Inspection, January 14.

Wesley T. Van Noddall, Beta Four Heavy Machine Shop, January 15.

Clyde E. Carter, Dimensional Inspection, January 15.

Sherman T. Crisp, Graphite Shop, January 17.

Jessie W. Weaver, M Wing Shop, January 17.

Thomas H. Bettis, Receiving Department, January 17.



RALPH WILSON, right, and **Red Phillips**, left, recently went fishing in Anchor Dock waters and must have done fairly well. Bud is either guarding the fish or daring Red to run off with them. (A chubby little fellow from Lenoir City hasn't been braggin' too much about his fishing prowess since Bud and Red brought in their pictures!)

Classic League Begins 2nd Half

The Classic League for Y-12 bowlers roared into its second half . . . with four teams making complete sweeps. Taking four were the Rippers over the Wasps, the All Stars over the Splinters, the Screwballs over the Markers and the Tigers over the Wolves.

The Has Beens took three at the expense of the Smelters, the Swingsters swung by the Cubs, and the Rebels routed the Eightballs . . . all by the same score. Two points each went to the Bumpers and Playboys.

Daye Phillippi, Swingsters, took a high 211 scratch game . . . John Harding, Smelters, came through with a 237 handicap game . . . Don Kessel, Wasps, rolled a 560 scratch series . . . and Elbert Scott, Tigers, took a 629 handicap series.

The Smelters took high team singles rolling 879, 1021 . . . while series highs went to the Swingsters, 2530 scratch, and to the Screwballs, with a 2875 handicap count.

League standings follow:

Team	W	L
Rippers	4	0
All Stars	4	0
Screwballs	4	0
Tigers	4	0
Has Beens	3	1
Swingsters	3	1
Rebels	3	1
Bumpers	2	2
Playboys	2	2
Eightballs	1	3
Smelters	1	3
Cubs	1	3
Splinters	0	4
Markers	0	4
Wolves	0	4
Wasps	0	4

L. M. Bray Leads New Pistol League

L. M. Bray is the new Pistol League leader after four weeks of shooting. Bray's high score is 290.303, but he is being crowded hard by G. R. Ferguson with a 289.360.

There has been a real good showing at the morning matches and anyone interested in joining this group should contact R. L. Matheney, Oak Ridge telephone 483-3460.

Standings follow:

Firer	S. Score	H'cap Score
L. M. Bray	251	290.303
G. R. Ferguson	235	289.360
D. R. Alford	266	286.526
R. L. Matheney	252	285.331
O. B. Cottrell	227	285.231
L. A. Shular	189	285.111
L. T. Nance	—	285.012
G. L. Davis	241	—
W. A. Gregor	249	—
T. C. Swindell	212	—
W. A. Less	258	—

Money in need is a friend indeed.

Rollmasters Move In Bush Action

The Rollmasters rolled to within one-half point of the lead in the Bush League for Y-12 bowlers last week. They took four from the Hi Balls. Three points went to the Outcasts over the Spec Five, and the Teds over the Beginners. Two and one-half points went to the Seven Sixties over league-leaders Beavers.

Jim Cole, Rollmasters, rolled the best single game of 223 scratch and 269 handicap. G. E. Valentine, Spec Five, took series highs, posting scores of 560, 644.

The Rollmasters swept team honors, taking singles of 877 and 1063 . . . and series of 2377 and 2935.

League standings follow:

Team	W	L
Beavers	3½	3½
Rollmasters	8	4
Outcasts	7½	4½
Teds	6	6
Beginners	5	7
Spec Five	5	7
Seven Sixties	4½	7½
Hi Balls	3½	8½

Strikers - Hi Lifers Share C Honors

The Hi Lifers and Strikers continue their deadlock on top berth in the C League for Y-12 bowlers. The Hi Lifers went by the Badgers for three points and the Strikers took the same number from the Lucky Strikes.

A four point win went to the Rounders over the Parbusters. The Rodders took three at the expense of the Hookers and the Sunflowers won three from the Shud-A-Beens. Three points also went to the Five Roses over the Big Five.

C. J. Roesch, Badgers, took high singles of the night, rolling a 218 scratch and 240 handicap game. Arnold Tiller, Rounders, took a 579 scratch series and E. T. Ely Jr., Rodders, rolled a 637 handicap series.

The Strikers and Rounders tied for high singles in scratch counting, each with 876. The Rounders had high scratch series of 2525. The Rodders took handicap honors, posting 1031 in singles and 2922 in series.

League standings follow:

Team	W	L
Hi Lifers	7	1
Strikers	7	1
Rodders	6	2
Rounders	5	3
Shud-A-Beens	4	4
Lucky Strikes	4	4
Sunflowers	4	4
Big Five	3	5
Hookers	3	5
Five Roses	3	5
Badgers	2	6
Parbusters	0	8

Metals-Ceramics Fearless 5 Lead Loop Action

Swinging into action for the first time since Dec. 16, the Carbide "Hoop-a-Teers" (basketballers) squared off against each other in regular style, and last Monday's schedule found Y-12 Raiders taking ORINS by a score of 41-33. Jim George was high scorer with 11 and Carlos Brooks with 9, led the Raiders, while Dave Liner had 16 and Ed Miller 8 for ORINS. Metals & Ceramics "horse-tromped" the Fuds 44-19 with Jim Carter, of Metals & Ceramics pouring twenty-six through the hoop. The third game, completing Monday night's action, found Biology taking Analytical Chemistry to the "tune" of 38-25.

Tuesday night was a single action contest with ORNL's Fearless Five taking Y-12's Raiders to the cleaners by 55-46. For the Raiders it was Jim George with 18 and Bob Culton with 13. For the Fearless Five Larry Finch was high with 17 and Clay Goetsch had 12. This was a good ball game but the second quarter proved to be the difference as the Fearless Five sunk 17 while the Raiders could only muster four points.

Thursday night's action found the Raiders plastering K-25's All Stars by 51-38. Again Jim George was the game's high scorer with 21. For the All Stars, it was Bob Henderson, high with 18 and Terry Mothershed second with 12. Other action found the Fearless Five taking a close one 41-38 over Analytical Chemistry, and Thursday's schedule was completed with Biology taking ORINS to the cleaners 53-33.

League standings follow:

Team	W	L
Fearless Five	6	0
Metals & Ceramics	5	0
Raiders, Y-12	4	2
All Stars, K-25	3	2
Biology	3	3
ORINS	1	5
Atoms, Y-12	0	3
Analytical Chemistry	0	5
Fuds	0	5

SIGNS OF THE TIMES

"The earth is degenerating in these latter days. There are signs that the world is coming speedily to an end. Bribery and corruption abound. The children no longer obey their parents. Every man wants to write instead of work, and it is evident the end of the world is near." Before anybody panics, the above was translated from an Assyrian tablet with an estimated date of 3,800 B.C.!



CLAYTON OLMSTEAD, Physical Testing, came up recently with this giant walleye he plucked from the depths at Clear Fork River. For lure he used a black plastic eel. (That's reason enough for us to change bait immediately!)



THREE GENERATIONS OF GOOSE HUNTERS recently brought in the big birds seen above on the last day of 1964. Near Hiwassee River, the nimrods killed five of the Canadian geese (good eating, too!) From left are Robert P. Waldrop, Accounting and Budget; his father, John A. Waldrop; and 10-year-old son John Robert Waldrop. John killed his first goose early in the day with a .410 gauge shotgun. Papa Bob said John was a man for the rest of the day!

Goofers Open Strong In Mixed

The Goofers, who took Y-12's Mixed Bowling League's first half, are out after the second half, apparently. They took four last week from the Twisters. The Chumps also took four from the Bingos. Three points were tallied by the Alley Cats over the Alley Oops and the Turtles and Blue Angels share two apiece.

Jeanne Cothron, Turtles, took high women's singles, rolling a 175 scratch, 230 handicap game. Virginia Newby, Goofers, took a scratch series of 422 . . . and Jeri Kobisk, Alley Cats, took a 580 handicap series. George Cantrell, Turtles, swept men's honors, rolling singles of 215, 235 . . . and series of 585, 645.

The Goofers took all team honors . . . singles of 642 scratch, 783 handicap . . . and series of 1826 and 2249.

League standings follow:

Team	W	L
Goofers	7	1
Alley Cats	5	3
Blue Angels	5	3
Chumps	5	3
Turtles	5	3
Alley Oops	2	6
Twisters	2	6
Bingos	1	7

Beavers, Set-Ups In Volleyball Lead

Returning to action for the first time since December 17, Carbide Volleyballers "swung" jumped, looped, and hooped each other in regularly scheduled matches last Thursday. Taking four point wins were the Beavers over the Vaults 15-6, 15-5, 15-6, 15-12, the Set Ups over the Yanks by forfeit, the Eagles topped the ORSORTS 15-6, 15-7, 15-8, and 15-2, and the Old Men "goose-egged" the Scrubs 15-1, 15-13, 15-5, and 16-14. Other action saw the K-25 Instruments and Bums split four points, with the Bums taking the first and fourth games by scores of 15-1 and 15-7 while the K-25 Instruments took the second and third games by scores of 15-10 and 15-2.

Team	W	L
Beavers, Y-12	16	0
Set-Ups	16	0
Eagles, Y-12	11	5
Old Men	10	6
K-25 Instruments	8	8
Scrubs	7	9
Vaults	7	9
Bums	4	12
ORSORTS	1	15
Yanks	0	16

Thursday Is Deadline For Bowling Tilt Entries

Bowlers have until tomorrow, Thursday, January 14, at 4:30 p.m. to file entries in the big Y-12 bowling tournament. The tilt is slated for the week-end of January 23, 24 . . . and is open to all bowlers who have rolled 12 games in a sanctioned league between August 1 and January 7.

Details may be obtained from the Recreation Office, extension 3-7109.

Ten Pins Keep E Bowling Lead

The Ten Pins clung onto their first-place holding in the E Bowling League last week, by virtue of a two-point sharing with the Alley Bees. The Pintwisters moved up by taking four from the Four Squares. The Hot Shots took three from the cellar-dwellers, the Hot Shots.

A. Steele, Cannon Balls, took high singles, rolling a 213 scratch, 254 handicap game. J. Kirchler, Hot Shots, took series with a 570, 654 total.

The Cannon Balls swept singles, with 671 scratch, 806 handicap . . . while the Hot Shots returned in series with 1835, 2357.

League standings follow:

Team	W	L
Ten Pins	12	4
Pintwisters	10	6
Four Squares	8	8
Alley Bees	7	9
Hot Shos	6	10
Cannon Balls	5	11



"Joe here is a casting director—"



—At the local foundry!"

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CORPORATION**

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W. D. Ross, Physical Testing, Earns Electronics Degree From Central High

Four years of regular attendance at night school at the Vocational Electronics School, Central High, Wartburg, has brought William D. Ross, engineering aide in Physical Testing, a degree certifying him as a Technician in Electronics.

Two regular classes a week in the certified school are necessary in the four-year course.

The degree reads: "This is to Certify that William Davidson Ross has satisfied the requirements for graduation from the Central Vocational Electronics School as prescribed by the National Defense Education Act of 1958, and is, therefore, awarded this diploma. Having met the requirements for graduation from this school, the above named person is qualified as a Technician in Electronics."

Further certification reads: "The following student, William D. Ross has completed 1,059 hours in industrial electronics. This grade covers the period from October 4, 1960 until October 17, 1964. His class meets on Monday and Wednesday evening of each week from 7 until 10 p.m. His grade was 94.4."

(Officials at the Vocational Electronics School state that classes are just beginning in a new term, and there is still time to enroll. The courses are approved for reimbursement under the Carbide Education Assistance Program.)

A native of Harriman, Ross lives there at Woolsey Road with his family. His wife is the former Martha A. Ahler, and they have two daughters, Martha, 13; and Betsie, nine.

Ross came to Y-12 October 25, 1954.

Congratulations!

Special Efforts

Continued from Page 1
ration in all of the Carbide-operated facilities, and numerous personal contacts have been made by Y-12 representatives with the various agencies of the Department of Defense, the National Aeronautics and Space Administration, and other Government agencies to acquaint these agencies with our special skills and facilities. In addition, several comprehensive technology brochures have been prepared and distributed which illustrate the many unique capabilities of the Y-12 Plant. With the support and encouragement of the AEC, these endeavors are proving successful in attracting work to the Y-12 Plant, and in performing this work we are confident of wider demonstrations of our unusual abilities.

"We sincerely regret the announced cut-backs," Hibbs repeated.

SANFORIZED

Most little boys are washable . . . even though many of them shrink from it.



William D. Ross

'Miracle Worker' Is Next Playhouse Opus

"The Miracle Worker" is the Oak Ridge Playhouse's next production. The highly-dramatic story is of Helen Keller's early years, and her struggles to reach out to communicate with other human beings. The outstanding drama opens next Saturday, January 23, 24 and again on January 29, 30 and 31.

The poignant story of Annie Sullivan, a young Irish girl from the North who once was blind herself, has won awards in the theatre and on the screen. There will be a special benefit performance for the Knoxville Workshop for the Blind on Thursday, January 28, at 8:20 p.m.

All performances begin at 8:20 except Sunday productions which start at 8.

Tickets for "The Miracle Worker" will go on sale Monday, January 18 at the Playhouse in Jackson Square.

Mardi Gras Tour May Be Shared With AEC

The Atomic Energy Commission Employees' Association is sponsoring a Mardi Gras tour of old New Orleans. The chartered bus will leave Oak Ridge at 7 p.m. Friday, February 26 and return the evening of Wednesday, March 3. Total cost for transportation and rooms (at the Jung Hotel in downtown N'Orleans) is \$80 per person. This includes hotel and transportation tipping, and a four-hour guided tour of the old city.

Y-12ers are welcomed on the tour, says the AECEA. More information on the festive outing may be obtained from Gene Sanslow, plant extension 3-4397.

Art Center Lists 1965 Activities

Among the Oak Ridge Art Center's activities in the next two months will be two one-man shows by internationally known artists, a new 12-week session of classes in all art media, and a Beaux Arts Costume Ball.

The first exhibit, by David Chapin, opened last Sunday, and will continue for showings during the next two Sundays, January 17, and 24 from 3 until 6 p.m. and Tuesdays, from 2 to 4 p.m. A native of Springfield, Massachusetts, Chapin is a former student of Hans Hofman. He studied and has exhibited widely in Europe, and has had one-man shows in Rome, London, Paris, Brussels, and New York City. His work is highly abstract and experimental.

Classes will begin this week at the Center on Badger Road. They will include Monday night classes in sculpture and jewelry-making. Tuesday morning classes in ceramics and oils, a Tuesday night class in oils, a Wednesday night watercolor class, Thursday night classes in ceramics and in figure and still life drawing, and a children's Saturday morning class. Evening classes are from 7:30 until 10; morning ones from 9:30 until 12. Information may be obtained from Mrs. S. F. Carson, Education Chairman.

The February exhibit, running from February 7 through 21, at the same hours of the Chapin exhibit, will feature the works of London-born artist Eric Gibberd. Now a resident of the Taos, New Mexico art colony, Gibberd has given one-man shows in several American cities as well as in Paris, London, Barcelona, and Amsterdam. His work reveals his deep love for the scenic beauties of the Southwest.

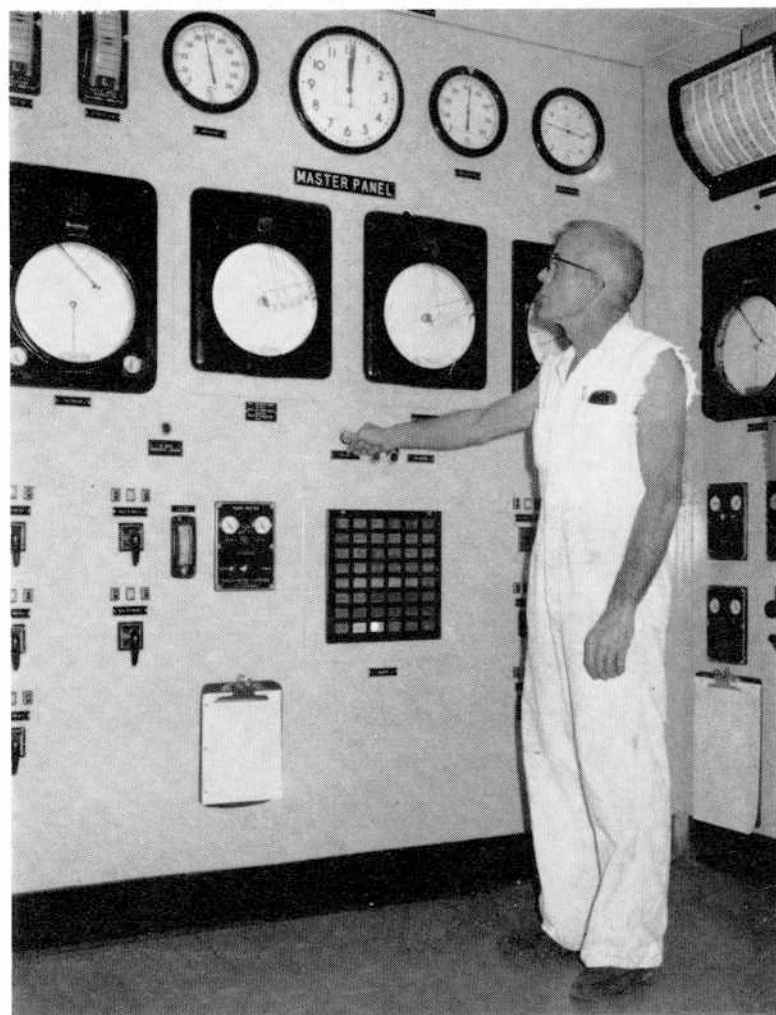
The Beaux Arts Ball, a traditionally annual event in Oak Ridge, will be held February 26, at the Oak Ridge Country Club. The theme for costumes and decorations will be "Card Game," inspired by Stravinsky's "Jeux de Cartes."

Porpoises can jump 15 feet into the air.

**Hold January 28
Open For Annual
Credit Union Meet**



CHRISTMAS IN FLORIDA was the word for the C. H. (Sage Grass) Beddingfields. C. H., Alta and Alan enjoyed Naples, Florida, during the holidays visiting son Grady Max and daughter Joyce Attkisson and families. Sage Grass and Alan caught these speckled trout Christmas Eve at the Naples Pier, on the Gulf. It was 80 degrees almost every day, the Beddingfields report. Particularly enjoyable also was a visit to former Y-12ers, Mr. and Mrs. John Dinsmore, now living in Naples.



HAPPY NEW YEAR . . . Y-12 Style! K. H. (Pop Up) Wright pops off with the big foot. That racket you heard at the stroke of midnight came from the hands of Wright as he blows out the old and blows in the new!

Junior Actors Paged For Saturday Try-Outs

Junior actors are paged for try-outs Saturday, January 16, at 11:30 a.m. at the Oak Ridge Playhouse. A total of six boys and seven girls are needed for the "Plain Princess" which will be the Junior Playhouse's next production.

It is the story of a mythical kingdom concerned with a magic required to transform a plain princess into one whose "eyes are shining and whose mouth turns up, not down, at the corners."

The production will also require boys and girls in make-up, scenery, lights, costume, etc. The School of Stagecraft is open to all youngsters 11 and over, and is under the direction of Mrs. Paul Ebert.



Ride wanted from Glenwood School, Oak Ridge, to West Portal, straight day. J. S. Elder, plant phone 3-7733, home phone Oak Ridge 483-7905.

Ride wanted from Longview Road (near Western Plaza Shopping Center), Knoxville, to Biology Portal, straight day. Susie Heckman, plant phone 3-5529, home phone Knoxville 588-7361.

Riders wanted from Maryville, via Knoxville's Bearden, to East, North, Central or West Portals, straight day. W. W. Pugh, plant phone 3-5066, home phone Maryville 982-1443.

Car pool member wanted from Elm Grove section, Oak Ridge, to East or Central Portal, straight day. Bill Freels, plant phone 3-7545, home phone Oak Ridge 483-5908.

Ride wanted from McFarland's Trailer Park, Gallaher Road, Kingston, to Biology Portal, straight day. D. R. Holladay, plant phone 3-7907.

It Costs More To Be Sick These Days . . .

Consumer expenditures for medical care rose 2.7 points between March 1963-March 1964, reports an article in the May 25 issue of the "Washington Report on the Medical Sciences." The report shows hospital service charges up 46.1 per cent over 1957-1959 prices. These hospital service charges jumped 9.8 points between March 1963 and 1964 alone . . . almost five times as much as did the all-item index for the same period. More simply put, this means that hospital services which cost \$100 in 1957-59 now cost \$146.10. (From the Blue Cross-Blue Shield RECAP).